

Temperature Dependence between Lifetime and
Diffusion of Non-Base Current Carriers in
Base of Semiconductor Triode.
RUSSIAN, per, Litov Fiz Sbornik, 1964, No 4,
pp 559-564.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66

297,851

62-33766

[Ostroushko, Yu. I.]
CHIMIE DU LITHIUM ET DE SES COMPOSÉS. PROPRIÉTÉS PHYSICO-CHIMIQUE DU LITHIUM [Chemistry of Lithium and its Compound: Physico-Chemical Properties of Lithium] tr. by Bavitlovsky. 30 Mar 62 [96] p. 128 refs. CEA Trans. no R 1593 (text in French). Order from OTS or SLA \$8.60 62-33766

Trans. in French of mono. [Litti, Ego Khimiya i Tekhnologiya] Le Lithium, Sa Chimie, Sa Technologie [Lithium, Its Chemistry and Technology] Moscow, [1960] Chap. 2, p. 34-74.

A complete trans. of the mono. in English is available from OTS \$3.50 as AEC-tr-4940, July 62, 276 p.

DESCRIPTORS: *Lithium, Lithium compounds, Physical properties, Chemical properties, Hydrides, Oxides, Nitrogen compounds, Carbon compounds, Halogens, Sulfur compounds, Phosphorus compounds, Silicon compounds.

(Chemistry--Inorganic, TT, v. 9, no. 9)

- I. Ostroushko, Yu. I.
- II. Title: Propriétés . . .
- III. Title: Physico-Chemical . . .
- IV. Title: Le Lithium . . .
- V. Title: Lithium . . .
- VI. CEA-R1593
- VII. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

Isotopes, Its Chemistry and Technology, by Yu. A.
Mokroushko, P. I. Buchikhin, V. V. Alekseyeva, 34 XP

RUSSIAN, bk, Litii, Yego Khimiya i Tekhnologiya,
1960, Chapter III, pp 74-86. 9068694-V 9068694

ABC Tr-1940

196, 032

64 - Chem

62

66

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

Casting by Method of Vacuum Suction, by
B. M. Ksenofontov, 205 pp.
RUSSIAN, bk, Lit'ye Metodom Vakuumnogo Vsasyvaniya,
Moscow, 1962, pp 1-168. 9696066
FTD-MT-64-238
GOV'T USE ONLY

Sci
~~Mar~~ 65

275,622

Defects of Press Castings and Methods for
Their Prevention (Chapter VIII), by
E. S. Stebakov, V. Ya. Tarutin, 26 pp.

RUSSIAN, bk, Lit'e Vyzhivaniyam Gosudarstv-
ennoye, Nauchno-Tekhnicheskoye Iz. Mash
Literatury, Moscow, 1962, pp 96-110.
9685492

FTD-TT-63-713

Sci-Engr

343,624

Aug 63

Lost Wax Casting, by Ya. I. Shklammik,
A. V. Baranov.
RUSSIAN, bk, Lit'ye Po Vyplavlyayemym Modelyam,
457 pp.
ACSI J-3552
ID 2204049567

Sci/Mat
Aug 68

362,953

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

S-1031/63

Features in Melting Alloys for Permanent Magnets,
by Ya. I. Shklennik, V. A. Ozerov. (DC-10046)

RUSSIAN, bk, Lit'ye po Vyplavlyayemym Modelyam,
1961, pp 333-336.

*JPRS

Sci - M/M
Nov 63

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

S-1031/63

Melting Titanium in Vacuum Furnaces, by Ya. I. Shklennik, V. A. Ozerov. (DC-10046)

RUSSIAN, bk, Lit'ye po Vyplavlyayemym Modelyam, 1961, pp 337.

*JPRS

Sci - M/M
Oct 63

S-1031/63

Melting Aluminum Alloys in Electric Furnaces, by
Ya. I. Shklennik, V. A. Ozerov. (DC-10046)

RUSSIAN, bk, Lit'ye po Vyplavlyayemyh Modelyam, 1961,
pp 337-343.

*JPRS

Sci - M/M
Nov 63

Lost Wax Investment Casting, by Ya. L.
Shklennik and V. A. Ozerov
RUSSIAN, per.,, 'Lit'yepo Vyplavlyayemy
Modelyam', Sec. VII, 1961, pp 369-370.
NLL Ref: 5828.4F (12828)

Sci-Mechanical
July 68

360,846

LIVADIA AND OREANDA SANITORIA IN POST-WAR TIME,
BY N. KUDRYAVTSEVA, 6 PP.

RUSSIAN, BK, LIVADIYA-DREANDA, 1962, PP 19-28,
53, 54.

JPRS 19071

USSR-ECON
MAY 63

229,978

Logical Elements of Transistors and Tape-Wound
Cores, by Ye. F. Berezhnoy, V. G. Mikhalev, et al,
83 pp.

RUSSIAN, pamphlet, Logicheskiye Elementy na Po-
luprovodnikovyykh Trifodakh i Semaidechnikakh iz
Permalloyevoy Lenty, Moscow, 1963, pp 1-103.
JPRS 26428

Sci - M & DP
Sep 64

267 452

(NY-3257)

Logical Analysis of the Phoneme Concept, by S. K.
Shayumyan, 17 pp.

RUSSIAN, ~~1959~~ bk, Logicheskiye issledovaniya.
1990, Moscow, pp 159-177.

JPRS-1132-D

Sci - Misc
Feb 60

107123

An Analysis of Potential Realizability, by
A. S. Esenin-Vol'pin.

RUSSIAN, ^{not} for, Logicheskie Issledovaniya, 1959,
pp 218-252.

NLL RTS 2242 (*Loan*)

Sci - Misc
Feb 64

248,262

(HY-3257).

Logic and Automation, by G. N. Povarov, 16 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,
1959, pp 300-314.

JPRS-2222-N

Sci - Misc- Math

Feb 60

107,984

(NY-3257).

Construction of a General Theory of Logical Nets,
by E. Ye. Kобрinskiy, B. A. Trakhtembrot, 29 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,
1959, pp 352-378.

JPRS 2219

Sci Misc - Math
Mar 60

111, 039

(NY-3257).

Logical Synthesis of Electronic Computing and
Controlling Circuits, by G. M. Povarov, 9 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,
1959, pp 406-414.

JPRS 2220

Sci 60 Misc - Math

111,046

(NY-3257).

Logical Synthesis of Relay Circuits Containing
Resistance and Contacts, by B. M. Rakov, 16 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,
1959, pp 429-441.

JPRS 2221-

Sci - Misc - Math
Mar 60

111,443

Model Locomotive Series TE2, by V. A. Rukov,
4 pp. (ID 2017109).

RUSSIAN, bk, Lokomotivy Zheleznich Dvora Sovetskogo
Soyuz, Moscow, 1955, p 298. CIA D 538724

ACS, I, C-6788

USSR

Economic - Transportatin, rail
Aug 56 CTS/dax

37,827

62-10972

Kard, P.
THEORY OF INTENSIFICATION OF LIGHT TRANSMITTANCE BY OPTICAL SURFACES. [1962] 15p.
6 refs.

1. Kard, P.

Order from OTS or SLA \$1.60 62-10972

Trans. of Loodus ja Matemaatika (USSR) 1959, no. 1,
p. 67-85.

DESCRIPTORS: Light, *Light transmission, Theory,
*Optics, Surfaces, Coatings, Metal coatings, Reflection, Refractive index.

NLN M 8955

(Physics--Optics, TT, v. 8, no. 6)

Office of Technical Services

Wheels of Water Turbines, by N. R. Kryanin.
UNCL

RUSSIAN, bk, Lopasti Gidroturbin, 1958, Chap I,
II-V, pp 7-43, 91-99, 157-162, 195-197, 208.

DSIR LRU RTS 1330

(50s.)

Sci - Engr
May 60

116,626

61-13905

Kryanin, I. R.
HYDRAULIC-TURBINE BLADES, CAVITATION DE-
STRUCTION, SELECTION AND INVESTIGATION OF
MATERIALS: CONTENTS, CHAP. I AND CHAPS.
2-4 (EXCERPTS). Oct 60 [63]p. RTS 1330.
Order from LC or SLA m\$3.90, ph\$10.80 61-13905

Trans. of mono. Lopasti Gidroturbin. Kavitatsionnyye
Razrusheniya. Issyskaniye i issledovaniya Materialov.
Moscow, 1958, contents, chap. I and conclusions in
chaps. 2-4.

142,948

- I. Turbine blades--Materials
- I. Kryanin, I. R.
- II. RTS-1330
- III. Department of Scientific and
Industrial Research
(Gt. Brit.)

Office of Technical Services

(Machinery--Engines, TT, v. 5, no. 3)

98.

Voluntary Society for Promotion of the Army, Air Force
and Navy, 15 pp. UNCLASSIFIED

RUSSIAN, nps, pers, bk, "Lotnictvo ZSRR", 1950-1952,
Encl to 1A1-234-53.

AP 569831

USSR

Military - Army, air force, navy

5241

Sep 53 CTS

CIA 1713025

General Organization and Economic Efficiency of
Suction Pump Fisheries for Clupeonella, by
I. V. Nikomarov.

RUSSIAN, bk, *Lov Kaspiiskoy Kii'ki Rybonosazon*
pri Podvoinom Osvoshchenii, 1958, pp 18-50.

Dept of Interior
Biol Lab of the Bureau of
Commercial Fisheries
Seattle, Washington (Loan)

Sci - Biol
Apr 62

193, 987

0-38/63

Amateur Television Receiver, by I. T. Akulinichev.
SF-2592
RUSSIAN, bk, Lubitel'skiy Televizor, Moscow,
1962, pp 1-56.

*JPRS

Sci - Electronics

Apr 63

Radiation Sickness Prevention by Medicines and
Chemicals, by M. M. Pobodinskiy, 2 pp.

RUSSIAN, bk, Ischevaya Bolean', 1957, pp 53-55.

AKK: Tr 3573

Sci - Med

May 59

87 959

Table of Contents of the Book,
The Radiant Energy of the Sun, by K. Ya.
Kondrat'yev, 10 pp.

RUSSIAN, bk, Luchistaya energiya sontsa,
Leningrad, 1954.

LTS 10-13687
CIA/FDD/X-1973

USSR

30,397

Sci - Physics, geophysics

Radiation Injuries and Compensation of Disturbed
Functions, by Ye. G. Grigor'yev. 247 pp.
RUSSIAN, bk, Luchevyye Porazheniya i Kompensat-
siya Narushennykh Funktsiy, 1963, pp 1-203.
AIR/FTD/MT-24-323-68

Sci-B&M
Nov 69

396,724

Radiation Injuries and Restorative Processes
in the Central Nervous System, by A. A. Manina,
7 pp

RUSSIAN, bk, Luchevyye Porazheniya i Vosstano-
vital'nyye Protsessy v Tsentral'noy Nervnoy
Sisteme, 1964, pp 204-209 and 226-227.
JPRS 29288

USSR
Sci-B/M
Mar 65

277,304

Cosmic Rays, by G. D. Zhidakov,
RUSSIAN, ~~1957~~¹⁹⁵⁸, Luch-i-Razvedchiki, 1957, 205 pp.

Lawrence & Wishart Ltd.
London

Sci - Astronomy

May 60

Branch Five Library

GB

521

.848

EI

Cap. 2

116,503

Kondrat'ev, K. Ya.

RADIANT HEAT EXCHANGE IN THE ATMOSPHERE:
VOL. I, tr. by Charles E. Davenport. [1962]
[462]p. USASIA Trans. Log no. 1380, pt. 1.
Order from OTS or SLA \$23.50

62-32503-1

Trans. of mono. [Luchistyi Reploobmen v Atmosfere]
Leningrad, 1956, chaps. 1-5, foreword and table of
contents.

DESCRIPTORS: *Atmosphere, *Heat transfer,
*Thermal radiation, Measurement, Absorption,
Blackbody radiation, Meteorology, Geophysics,
Numerical methods and procedures.

Contents:

Thermal radiation, basic definitions and concepts
Principles of the theory of actinometric measurements
of thermal radiation fluxes
(Earth Sciences--Meteorology, TT, v. 8, no. 8)
1(over)

62-32503-1

- I. Kondrat'ev, K. Ya.
- II. USASIA Trans-1380, pt. 1
- III. Army Signal Intelligence
Agency, Arlington, Va.
- IV. Systems Engineering
Facility, RCA Service
Co., Alexandria, Va.

Office of Technical Services

62-32503-2

Kondrat'ev, K. Ya.
RADIANT HEAT EXCHANGE IN THE ATMOSPHERE:
VOL. II [tr. by Charles E. Davenport]. [1962]
[421]p. 387 refs. USASIA Trans. Log no. 1380, pt. 2.
Order from OTS or SLA \$22.25 62-32503-2

Trans. of mono. [Luchistyi Reploobmen v Atmosfere]
Leningrad, 1956, chaps. 6-8 and bibliography.

DESCRIPTORS: *Atmosphere, *Heat transfer,
*Thermal radiation, Meteorology, Temperature,
Mathematical analysis.

Contents:
Counter-radiation of the atmosphere and effective
radiation and counter-radiation
Radiation balance
Variation of temperature in the atmosphere due to
radiant heat exchange. (See also 62-32503-1)
(Earth Sciences--Meteorology, TT, v. 8, no. 8)

- I. Kondrat'ev, K. Ya.
- II. USASIA Trans-1380, pt. 2
- III. Army Signal Intelligence
Agency, Arlington, Va.
- IV. Systems Engineering
Facility, RCA Service
Co., Alexandria, Va.

Office of Technical Services

Beam Goes Into Space, by V. A. Fabrikant

RUSSIAN, bk, Luck Idet v Kosmos, Izdatelstvo Znaniya
Fiz i Khim, Moscow, Series 9, No 8, 1961, 31 pp.

*FTD-TT-62-867

Sci - Space Res

15 Jun 62

61-31195

Larin, I. V.
PASTURE ECONOMY AND MEADOW CULTIVATION,
tr. by A. Lapid. 1962, 641p. 281 refs. PL-480 Agr.
Order from OTS \$6.50 9207557 61-31195

Trans. of mono. Lugovodstvo i Pastbishchnoe
Khozyaistvo, Moscow/Leningrad, 1956 [544p.].

DESCRIPTORS: *Agriculture, *Soils, Economics,
*Plants, *Grasses, *Food, *Cattle, Biology, Ecology,
Geography, Classification, Water supplies, *Fertility,
Growth, Forestry, *Swamps.

General information is given in this textbook on the
biology and ecology of forage plants (Chapter I), which
is essential for the understanding of the other chapters
of this course. Fodder crops, poisonous, and noxious
plants are described (Chapter II). A clear picture of
fodder characteristics in the different natural zones
(Agriculture, TT, v. 9, no. 7) (over)

1. Title: Crop rotation
2. Title: Hay
1. Larin, I. V.
- II. PL-480 Agr (61-31195)
- III. National Science Founda-
tion, Washington, D. C.

Office of Technical Services

Equipment Used in the Luminescence Analysis of
Bitumens, by F. M. Efendiyev, 9 pp.

RUSSIAN, monograph, Luminestsentnyy metod
issledovaniya neftey i bitumov, 1953.
Encl to IR-1086-55. CIA D 322218.

AF 692351

USSR

Sci - Engineering

Fve/s 30,934

The Moon, by N. P. Barabashov, V. A. Bronshten,
et. al., 505 pp.

RUSSIAN, bk, Luna, v1960, 384 pp. 9670773-V

11.000 FID-MCL-882/1

Sci - Space/Res

Aug 61

164,964

*Many more info on
in, Call to the Library, 11/24*

Alunite From the Beregov District in the
Transcarpathian Region, by G. L. Piotrovskiy.

RUSSIAN, per, L'vovskoye Geologicheskoye
Obshchestvo, Mineralog Fizicheskiy Sbornik,
No 1, 1947, pp 44-53.

Dept of Interior
QE3 E57 No 69

191,493

Sci - Geophys

Apr 62

Ilvaite in Polymetallic Skarn Deposits, by
L. N. ~~Khetchikov~~ Khetchikov.

RUSSIAN, per, L'vov Geol Obsh Min Sbornik,
No 10, 1956, pp 290-304.

Dept of Interior
JES E57 No 70

191, 490

Sci - Geophys

Apr 62

Development of Radioactive Halos in
Biotite, by Gunther Hoppe,
RUSSIAN, per, L'vov, Geol Obshch
Mineralog Sbornik, No 16, 1963, pp 328-333.
9230480

AEC- ORNL-Tr-642

Sci-N. Sci
Dec 65

293,341

The Problem of Formulating a Theory of Timer-Cutting
by Means of Vibration, by V. Smirnov,

RUSSIAN, ~~xx~~ per, L'Vovskii Lesotekhnicheskii Inst,
No 3, 1957, ~~xx~~ pp 88-92.

CSIRO/No 5756

Sci
Dec 62

X-ray Structural Analysis of High Beryllium
Contents Alloys of Cr-Be, by P. I. Kryp'yakevych,
Ye. I. Gladyshevs'skiy, 5 pp.

RUSSIAN, per, Lvov U. Dopovidi ta Povidomlennya,
Vol VII, Part 3, 1957.

SLA 59-10891

Sci

OTS, Vol III, No 6

Sep 60

126,927

Compounds of Transition Metals and Beryllium,
Silicon, Germanium and Tin, by Ye. Ye.
Cherkashyn, Ye. I. Gladyshevs'kyy, P. I.
Kryp'yakevych, 4 pp.

RUSSIAN, per, Lyov U. Dopovidi ta
Povidomleniya, Vol VII, Part 3, 1957, pp 180-188.

SLA 59-10890

Sci

OTS, Vol III, No 6

Sep 60

126,864

Compounds of Transition Metals With Beryllium,
Silicon, Germanium, and Tin, by Ye. Ye. Cherkashin,
I. Ya. Gladyshevskiy, P. I. Kripyakevich.
UNCLASSIFIED

RUSSIAN, per, Lvov Universitet Dopovidi ta
Povidomlinnya, No 7, pt 3, 1957, pp 180-183.

*ATIC

Sci - Minerals/Metals
25/11/58

62-12567

Babushkin, A. A., Uvarov, A. V., and
Ignat'eva, L. A.

INVESTIGATION OF ADSORPTION AND SURFACE
REACTIONS OF ETHANOL AND METHANOL ON
ALUMINA BY MEANS OF INFRARED SPECTROSCOPY. [1961] 7p.

Order from ATS \$12.50

ATS-97N57R

Trans. of Lvov U. Fiz[icheskii] Sbornik (USSR) 1957,
no. 3[8] p. 161-167.

DESCRIPTORS: *Adsorption, *Surface properties,
*Ethanol, *Methanol, *Aluminum compounds,
Oxides, Infrared spectroscopy.

(Chemistry--Physical, TT, v. 7, no. 9)

- I. Babushkin, A. A.
- II. Uvarov, A. V.
- III. Ignat'eva, L. A.
- IV. ATS-97N57R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

by Means of Absorption Spectra, by A. I.
Zimina, A. G. Siryuk, 3 pp.

RUSSIAN, per, Lvov U, Fiz Sbornik, No 3 (8),
1957, pp 272-274.

ATS-87M38R

Sci -
Apr 61

154,553

Triassic Ostreidae of the USSR, by
O. S. Syalov, 29 pp.
RUSSIAN, per, Lvov Univ. Uchenye
Zapiski, Vol 2, No 3, 1946, pp 21-54.
ATB-97R/8000

336,285

Sci
Aug 67

S-65/64

The Radiosensitivity of Birds, by V. A. Kushniruk.
(DC-10220)

RUSSIAN, per, L'vovskiy Ordena Lenina Gosudarstvennyy
Univ Imeni I.I. Franko, Problem Labor Radio, Biol
Deystviye Radiatsii, No 1, 1962, pp 81-83.

*JPRS

Sci - Biol & Med Sci
Jan 64

(DC-3766).

The Ideals of Socialist Education, by N. K.
Krupskaya, 6 pp.

RUSSIAN, bk, 15 Lyet Na Stroyke Politekhnikheskoy
Shkoly, 1934, pp 64-73.

JPRS 3767

USSR
Soc
Sep 60

124,993

AMATEUR TELEVISION RECEIVER, BY I. T. AKULINICHEV,
48 PP.

RUSSIAN, MONOGRAPH, LYUBITEL'SKIY TELEVIZOR,
1962, PP 1-56.

JPRS 19409

SCI - ELEC

JUN 63

231,555

Soviet Biographies of German Political Figures,
People and Politics, by Valeriy Zorin, 31 pp.
RUSSIAN, bk, Lyudi i Politika, Moscow, 1964,
pp218-221, 11-13, 227-230, 226-230, 318-320,
329-331, -332-335.
JPRS 25962

USSR
Biog
Aug 64

265,728

Luminescence of Rare Earth Ions in Crystals of
the Scheelite Type, by A. M. Morozov, et al.
RUSSIAN, bk, Lyuminestsentsiya Fedkozemel'nykh
ionov v Kristallakh Tipa Sheyellita, pp 102-107.
ACSI J-2571
ID 2204021867

Sci/Narth Sci
Aug 67

331,394

~~RUSSIAN, bk, Lyuminescentnyy Analiz, Moscow, Chapter XIV, 1948, pp 209-218.~~

Fluorescence Analysis in Agriculture,
by M. A. Konstantinova-Shkezingher, 8 pp.
RUSSIAN, bk, Lyuminescentnyy Analiz, Moscow,
Chapter XIV, 1948, pp 209-218.
JPRS 28148

Sci-Chem
Feb 65

273,135

Fluorimetric Analysis, by M . A. Konstantinova-Shle-
zinger, 392 p.
RUSSIAN, mono, Lyuminestsentnyi Analiz, 1961.
IPST-2148

Sci-Chem
Jun 66

303,697

(FDD 23976)

Luminescent Microscopy, by V. M. Bergol'ta, 199 pp.

RUSSIAN. bk. Lyuminestsentnaya Mikroskopiya,
Moscow, 1953, pp 3-135.

CIA/FDD/U-7103

USSR

Sci - Medicine; Biology

CTS 69/Jun 55

26, 122

LUMINESCENT MICROSCOPY, BY IVAN FEDOROVICH
MIKHAYLOV, 57 PP.

RUSSIAN, BK, LYUMINESTSENTNAYA MIKROSKOPIYA,
MOSCOW, 1961, 223 PP.

JPRS 15320

SCI - PHYS, MED

OCT 62

212,151

Luminescence of Rare Earth Ions in Crystals of
the Scheelite Type, by A. M. Morozov, et al.
RUSSIAN, bk, Luminestsentsiya Fedkozemel'nykh
ionov v Kristallakh Tipa Sheyellita, pp 102-107.

*ACSI J-2571

ID 2204021867

Sci/earth Sci
Jul 67

331,342

Magadanskiy Economic Region, by A. Malagin, 3 pp.

RUSSIAN, bk, Magadanskiy Ekonomicheskii Rayon,
1957, (Call No HC487 M2M3, Eng Trans).

Army Map Service

USSR
Econ
3 Dec 62

Main Line Postal Communications, by G. K. Gil',
V. N. Matsnev, et al, 75 pp.
RUSSIAN, bk, Moscow, Magistral'naya Pochtovaya Svyaz SSSR,
1963, pp 1-97.

JPRS 23642

USSR
Econ
Mar 64

251, 768

(BF-2197)

Magnitogorsk Metallurgical Combine, by
V. I. Kazarinova, V. I. Pavlichenkov,
10 pp.

RUSSIAN, bklt, Magnitogorsk, 1961,
pp 125-148.

JPRS 13535

192,029

USSR
Econ, Engr
Appl Sci - Engr
Apr 62

(NY-6502)

MAGNETIC ELEMENTS, 338 PP.

RUSSIAN, BK, MAGNITNYE ELEMENTY, L960, 3L3 PP.

JPRS 14224

SCI - CHEM
JUN 62

201,261

(DC-6878)

STATIC AND PULSE PROPERTIES OF FERRITE CORES
WITH RECTANGULAR HYSTERESIS LOOPS AND METHODS
OF MEASUREMENT, BY V. V. BARDIZH, 66 PP.

RUSSIAN, BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK ~~XXXXX~~
MOSCOW, 1961, PP 3-30.

JPRS 14902

SCI - ELECTRONICS
AUG 62

208,874

(DC-6878)

STATIC AND PULSE PROPERTIES OF ~~XXXXXX~~ MICRON
CORES WITH RECTANGULAR HYSTERESIS LOOPS, BY
V. V. BERDIZH, YE. F. BEREZHNOY, ETC., 54 PP.

RUSSIAN, BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK, MOSCOW,
1961, PP 31-55.

JPRS 14902

SCI - ELECTRONICS

AUG 62

208,875

(DC-6878)

HYSTERESIS LOOPS OF UNIAXIAL FERROMAGNETIC FILMS,
BY V. V. KOBELEV, 65 PP.

RUSSIAN, BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK, MOSCOW,
1961, PP 56-84.

JPRS 14902

SCI - ELECTRONICS

AUG 62

208,876

(DC-6878)

DOMAIN STRUCTURE OF UNIAXIAL FERROMAGNETIC FILM,
BY V. V. KOBELEV, A. A. KORSUNSKIY, ~~26XXX~~ 16 PP.

RUSSIAN, ~~PERX~~ BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK, MOSCOW,
1961, PP 85-96.

JPRS 14902

SCI - ELECTRONICS

AUG 62

208,877

(DC-6878)

INSTRUMENT FOR STUDYING THE IMPULSE PROPERTIES
OF MAGNETIC CORES (MODEL S-2), BY YU. I. VIZUN,
48 PP.

RUSSIAN, ~~PK~~ BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK, MOSCOW,
1961, PP 97-130.

JPRS 14902

SCI - ELECTRONICS

AUG 62

208,878

(DC-6878)

A UNIT FOR OSCILLOGRAPHING THE HYSTERESIS LOOP
OF FLAT FERROMAGNETIC FILMS, BY V. V. KOBELEV,
36 PP.

RUSSIAN, BK, MAGNITNYYE ELEMENTY USTROYSTV
VYCHISLITEL'NOY TEKHNIKI, SBORNIK, MOSCOW,
1961, PP 131-146.

JPRS 14902

SCI - ELECTRONICS
AUG 62

208,879

Kulikovskii, A. G. and Lyubimov, G. A.
MAGNETOHYDRODYNAMICS. 1963, 250p
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, 5, D. C.

Trans. of mono. [Magnitnaya Gidrodinamika, Moscow,
1962, 246p].

DESCRIPTORS: *Magnetohydrodynamics, Equations,
*Plasma physics.

(Physics--Electronics, TT, v. 10, no. 12)

63-22693

I. Kulikovskii, A. G.
II. Lyubimov, G. A.
III. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

61-13167

Nikol'skii, A. P.
ON THE DISTRIBUTION OF ACTIVE PERIODS OF
MAGNETIC DISTURBANCE DURING THE DAY (OF
24 HOURS) IN HIGH LATITUDES, tr. by T. C. Mar-
wick. [1961] 9p. (2 figs. omitted) 6 refs. Trans-22
[DSIR LLU] M 1843.
Order from OTS or SLA \$1.10 61-13167

Trans. of Magnitno-Ionosfernye Vozmushcheniya
(USSR) 1959, no. 1, p. 7-11.

DESCRIPTORS: *Terrestrial magnetism, Arctic
regions, *Magnetic storms, *Ionospheric disturbances

In the course of the magnetic disturbances during one
day (of 24 hours) there actually are intervals corre-
sponding to all four Stormer zones, when the probabili-
ty of the origin of active periods (irregular magnetic
disturbances) increases.

(Physics--Magnetism, TT, v. 6, no. 8)

I. Nikol'skii, A. P.
II. Trans-22
III. DSIR LLU M.1843

105078

Office of Technical Services

~~MAKING PRELIMINARY RESULTS FROM A STUDY OF THE MICRO-~~
Preliminary Results From a Study of the Micro-
structure of the Most Intense Magnetic Storms by
Means of the Short-Periodic Variations, by
V. A. Troitskaya, 8 pp.

ISSUES, bk, Magnitno-Ionosfernyye Voiznushcheniya,
No 1, 1959, pp 24-29. 9677217

FD-PT-61-293

Sci - Phys, Geophys
Jun 62

199,521

Nikol'skii, A. P. ON THE QUESTION OF METHODS OF COMPARING MAGNETIC DISTURBANCES IN THE ARCTIC AND THE ANTARCTIC, tr. by T. C. Marwick. [1961] [5]p. 4 refs. Trans-23; [DSIR LLU] M 1844. Order from OFS or SLA \$1.10 61-13168 Trans. of <u>Magnitno-Ionosfernye Vozmushcheniya</u> (USSR) 1959, no. 1, p. 30-33. DESCRIPTORS: *Terrestrial magnetism, *Magnetic storms, Arctic regions, Antarctic regions. If we start from the charts of the isochrones for the Arctic and the Antarctic, the magnetographs of the Mirny station, apparently, are the most suitable for comparison with the magnetographs of the stations situated on the northern and south coasts of Iceland or on the east coast of Greenland between 65° and 75° north geographical latitude. For a comparison between other stations we should start from the situation of (Physics--Magnetism, TT, v. 6, no. 4) (over)	61-13168 I. Nikol'skii, A. P. II. Trans-23 III. DSIR LLU M 1844 177624 Office of Technical Services
--	---

The Connection Between Ionospheric and Magnetic
Disturbances in the High Latitudes, by
R. A. Zevakina, 12 pp.

RUSSIAN, bk, Magnitno-Ionosfernyye Vozmushcheniya,
No 1, 1959, pp 45-52. 9677216

FTD-TA-61-208
3

Sci - Geophys, Astron
Jun 62

199,522

The Excitation of Short-Period Variations of
the Earth's Magnetic Field During the Sudden
Commencement of Magnetic Storms, by
A. S. Dvoryashin, 12 pp.

RUSSIAN, bk, Magnitno-Ionosfernyye Vozmushcheniya,
No 1, 1959, pp 58-63. 9677217

FTD-TT-61-293

Sci - Phys, Geophys
Jun 62

199,520

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840029-2

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840029-2

Magnetic Emission of High Temperature Plasma, by
B. A. Trubnikov, 158 pp.

RUSSIAN, ok, Magnitnoe Izluchenie Vysokotemperaturnykh
Plazmy, 1958. 9071251

AEC Tr-4073

Sci - Phys
Aug 60

125, 156

(DC-6685)

Magnetism in Space, by N. V. Pushkov, 63 pp.

RUSSIAN, brochure, Magnetism v Kosmose,
No 15, 1961, pp 1-48.

JPRS 13505

Sci - Space Res
Apr 62

192,348

Soft Magnetic Materials in Powder Metallurgy, by
O. O. Chekhova, 55 PP.

RUSSIAN, bk, Magnitnom'yaki Metalokeramichni
Materiali, RSR, Kyyn, 1959, 32 PP.

ATIC MEL-683/1

Sci - Min/Mat

Dec 60

136,711

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840029-2

Magnetic Field of the Ararat Basin of
the Armenian SSR, by Yerevan.
RUSSIAN, bk, Magnitnoye Pole Araratskoy
Kotloviny Arayanskoy SSR, 1960,
Chapters V, VI, VII, pp 72-128.
ACIC-TC-918

USSR
Sci/Earth Sci
Jul 65

283,742

62-23257

Aleksin, V. F.
THE MAGNETIC FIELD OF A LINEAR CURRENT
WITHIN AN IDEALLY CONDUCTING CYLINDER
WITH A LONGITUDINAL CUT. [1961] [11]p. 1 ref.
NSF-62-35(3); JPRS: R-1880.
Order from OTS or SLA \$1.60 62-23257

Trans. of memo. Magnitnoe Pole Lineinogo Toku
Vnutri ideal'no Provodyashchego Tsilindra s
Prodol'nym Razrezom, Khar'kov, 1960 [p. 381-390].

DESCRIPTORS: *Plasma physics, *Magnetic fields,
Pipes, Conductivity, *Conformal mapping.

In this work we obtain an expression for the intensity
of the magnetic field of an infinite rectangular cur-
rent-carrying conductor located in an ideally con-
ducting cylindrical pipe which has a longitudinal cut.
The location of the conductor and the dimensions of
the cut are arbitrary. We study the problem of the
(Physics--Theoretical, TT, v. 8, no. 11) (over)

- I. Aleksin, V. F.
- II. NSF-62-35(3)
- III. JPRS-R-1880
- IV. Joint Publications Research
Service, Washington, D. C.

Office of Technical Services

NSF-62-35(3) Uncl.

THE MAGNETIC FIELD OF A LINEAR CURRENT WITHIN
AN IDEALLY CONDUCTING CYLINDER WITH A LONG-
ITUDINAL CUT. A translation of "Magnitnoe
Pole Lineinogo Toka Vnutri Ideal'no
Provodyashchego Tsilindra s Prodol'ny
Razerezom." V. F. Aleksin (Akademiya Nauk
Ukr. S.S.R. Fiziko-Tekhnicheskii Institut).
1960. 11p. 9097864

301-302.
Thermonuclear; Translations MC-20C-20 P NSA Dep.(mc); \$1.60(fs), \$0.80(mf)
SLA or OTS

N-4

82 PLS R-1880

The Earth's Magnetic Field, by R. E. Malinina.
RUSSIA, bk, Magnitnoye Pole Zemli, Moscow, 1959
pp 8-16, 19-29.
ACIC TC-953

Sci/Earth Sci
Mar 67

320,671

Belov, K. P.

MAGNETIC TRANSITIONS. Nov 61, approx. 250p.
Order from CB \$12.50

Trans. of mono. [Magnitnye Prevrashcheniya, Moscow, 1959].

DESCRIPTORS: *Magnetism, Thermodynamics, *Phase transitions, *Magnetic materials, *Transition temperature, *Ferromagnetic materials, Computers, Control systems, Solid state physics, Antiferromagnetism.

(Physics--Magnetism, TT, v. 7, no. 6)

61-25739

I. Belov, K. P.
II. Consultants Bureau Enterprises, Inc., New York

Office of Technical Services

Magnetic Noise of Three Phase Sqyirrel Cage Induction
Motors, by. B. B. Voronetskiy, E. R. Kucher, 4 pp.

Book review.

RUSSIAN, bk, Magnitnyy shum trekhfaznykh asinkhromnykh
korotkozemknutykh eletrodvigateley, Moscow, 1957. 56 pp.

Air Info Div
Head, Lib Sv Div
~~61x~~ LC

613.32